

### Abstract

The invention relates to an apparatus (2) for generating electrical discharge in a fluid medium (3) in order to generate electrohydraulic shock waves. The electrodes (1) consist of a metallic work material. An electrical voltage is applied to the electrodes (1) in order to generate a voltage breakdown between the tips of the electrodes in the fluid medium (3), which work material consists of a titanium alloy with a hardness of at least 300 HV to 650 HV.